

WHAT IS CLAIMED IS:

1. A treadmill with front and rear inclination adjustment unit,
comprising a base seat, a tread platform and an inclination
5 adjustment unit, wherein:

the base seat has two support arms respectively upward
extending from two sides of the base seat, a front end of the
tread platform being mounted between the two support arms of the
10 base seat, the tread platform being looped by a tread belt, a
bottom of rear end of the tread platform being pivotally
connected with one end of a caster rack with which the inclination
adjustment unit is pivotally connected; and

15 the inclination adjustment unit has two symmetrical
ascending/descending members and a telescopic rod, each
ascending/descending member having a first end and a second end,
the first ends of the ascending/descending members being
respectively pivotally connected with inner sides of bottom ends
20 of the support arms, the second ends of the ascending/descending
members being respectively pivotally connected with two sides
of front end of the tread platform, the first ends being
positioned in front of the second ends, a transverse beam being
fixedly connected between middle sections of the
25 ascending/descending members, one end of the telescopic rod
being pivotally connected with the transverse beam, the other
end of the telescopic rod being pivotally connected with the

caster rack under the bottom of the rear end of the tread platform.

- 5 2. The treadmill with front and rear inclination adjustment unit as claimed in claim 1, wherein the base seat has two sidebars on left and right sides, the two support arms being respectively disposed on front ends of the sidebars, a rail being mounted on top end of each support arm, a control panel being disposed between the two rails, the tread belt of the tread platform being
10 driven by a motor to circularly revolve, two sides of the front end of the tread platform being respectively formed with two pivot holes, the second ends of the ascending/descending members being pivotally connected at the pivot holes of the tread platform, the bottom of rear end of the tread platform being
15 pivotally connected with the caster rack which is pivotally connected with one end of the telescopic rod.
- 20 3. The treadmill with front and rear inclination adjustment unit as claimed in claim 2, wherein a rear end of each sidebar is pivotally connected with one end of an auxiliary rod, the other end of the auxiliary rod being pivotally connected with each side of a middle section of the tread platform.
- 25 4. The treadmill with front and rear inclination adjustment unit as claimed in claim 1, wherein the telescopic rod is driven by a power source to telescope.

5. The treadmill with front and rear inclination adjustment unit as claimed in claim 4, wherein the telescopic rod is a thread rod and the power source is a lifting motor.
- 5 6. The treadmill with front and rear inclination adjustment unit as claimed in claim 1, wherein the first and second ends of the ascending/descending members upward extend and contain a certain angle.
- 10 7. The treadmill with front and rear inclination adjustment unit as claimed in claim 1, wherein an anti-collision cushion is disposed under the tread platform on front side of the caster rack.
- 15 8. The treadmill with front and rear inclination adjustment unit as claimed in claim 1, wherein a connecting seat is disposed at a middle section of the transverse beam, the connecting seat having a connecting end extending in the same direction as the second end of the ascending/descending member, whereby the
- 20 connecting end and the second end are positioned on the same side opposite to the first end, the connecting end of the connecting seat being pivotally connected with telescopic rod.